



# Agriculture Across Michigan

## September 1 Grain Stocks

On September 1, 2014, Michigan corn stocks totaled 36.1 million bushels, 105 percent higher than a year earlier. About 42 percent of the corn was stored on farms. The fourth quarter disappearance was 60.6 million bushels, compared with 55.8 million bushels a year earlier. Soybean stocks on September 1, 2014, were 2.1 million bushels. That was 7 percent higher than stocks a year earlier. The fourth quarter indicated disappearance

was 5.0 million bushels, compared with 10.3 million bushels during the same period in 2013. Farm stocks of soybeans were 750 thousand bushels. Wheat stocks on September 1, 2014, were 35.4 million bushels, 25 percent below a year ago. Approximately 90 percent of wheat stocks were in commercial storage. First quarter indicated disappearance was 15.7 million bushels, 30.7 percent of supply.

## Small Grain Summary

Michigan wheat producers averaged 74 bushels per acre, down one bushel from last year's yield of 75 bushels per acre. Michigan wheat was grown on 570,000 acres, with 485,000 acres harvested for grain. Wheat production was 35.9 million bushels, down 21 percent compared to 2013.

Winter wheat planting had concluded in Michigan by late October. Crop emergence was on pace with average. Unseasonably cool spring temperatures across the state coupled with drier than normal soils in the major wheat-producing areas of the state led to poorer than normal crop condition by early May. Some winter wheat was cut for silage due to winter damage. Despite injured crowns and late spring green-up, overall crop yields were relatively good due largely to timely rainfall and mostly cool temperatures throughout the grain-fill period.

Michigan producers had an average oat yield of 69 bushels per acre, an increase of 7 bushels from last year. 40,000 acres of oats were harvested, up 10,000 from 2013. Production is up 48 percent at 2.76 million bushels. Conditions for growing oats were near ideal across the Great Lakes Region. Cooler prevailing temperatures with adequate rainfall throughout the summer months provided for an extended grain fill period, leading to improved yields.

Barley yield for the 2014 crop year was 53 bushels per acre, an increase of 1 bushel from the previous year. 8,000 acres were dedicated to barley with 7,000 acres harvested for grain. Barley production decreased 21 percent from 2013 for a total production of 371,000 bushels. Conditions for the growing season were near ideal, with a cool, wet spring proceeding into a warm and temperate summer.

### Crop Summary, September 2014

Commodity	Michigan			United States		
	2012	2013	2014	2012	2013	2014
<b>Barley</b>						
Planted ..... 1,000 acres	11	10	8	3,637	3,528	2,975
Harvested ..... 1,000 acres	9	9	7	3,244	3,040	2,458
Yield ..... Bushels	48.0	52.0	53.0	67.9	71.3	73.4
Production ..... 1,000 bu	432	468	371	220,284	216,745	180,427
<b>Oats</b>						
Planted ..... 1,000 acres	50	50	50	2,760	2,980	2,723
Harvested ..... 1,000 acres	35	30	40	1,045	1,009	1,039
Yield ..... Bushels	60.0	62.0	69.0	61.3	64.1	67.8
Production ..... 1,000 bu	2,100	1,860	2,760	64,024	64,642	70,460
<b>Wheat, winter</b>						
Planted ..... 1,000 acres	570	620	570	41,224	43,230	42,399
Harvested ..... 1,000 acres	540	590	485	34,734	32,650	32,304
Yield ..... Bushels	76.0	75.0	74.0	47.3	47.3	42.6
Production ..... 1,000 bu	41,040	44,250	35,890	1,641,272	1,542,902	1,377,526

## Potato Summary 2013

Michigan potato growers produced 15.84 million hundredweight (cwt) of potatoes in 2013, down 0.5 percent from 2012. Potato yield, at 360 cwt per acre, was up 10 cwt per acre from 2012. The total quantity sold was 15.1 million cwt with a value of sales estimated at \$179.6 million. The value of sales in 2012 was \$173.4 million. The average price received by producers for 2013 crop potatoes was \$11.90 per cwt, up \$0.30 from the previous year. Total 2013 crop potatoes used for seed to plant the 2014 crop was 1,035,000 cwt. Shrink and loss totaled 430,000 cwt for the 2013 crop, down 58 percent from 2012.

## September Hogs and Pigs

Michigan's total hog and pig inventory on September 1 was estimated at 1.01 million head, down 40,000 head from a year ago. Breeding hog inventory, at 110,000 head, was unchanged from last September. Market hog inventory, at 900,000 head, was down 4.3 percent from last year. The average pigs saved per litter for the June to August quarter at 10.10 was unchanged from last year.

United States inventory of all hogs and pigs on September 1, 2014 was 65.4 million head. This was down 2 percent from September 1, 2013, but up 6 percent from June 1, 2014. Breeding inventory, at 5.92 million head, was up 2 percent from last year, and up 1 percent from the previous quarter. Market hog inventory, at 59.4 million head, was down 3 percent from last year, but up 7 percent from last quarter.

## Michigan October Crop Production

Producers are optimistic across all crops, expecting record yields for corn, soybeans, and sugarbeets in Michigan. The October Crop Report is based upon conditions as of October 1, 2014. Some highlights of the report follow:

- Michigan corn yield is up 5 bushels from the September report to 167 bushels per acre, a state record yield. Total production is expected to be 365.7 million bushels, also a state record.
- Michigan soybean production is expected to surpass 1 billion bushels for the first time ever. The yield is forecast at 46

bushels per acre, also a state record. The yield is up 1 bushel from the September report, and up 1.5 bushels from 2013

- Sugarbeet growers anticipate a yield of 29.5 tons per acre, up 1.5 tons from September, and up 3.3 tons from last year.
- Dry bean growers are expecting their crop to yield 2,100 pounds per acre, equaling the state record.
- Michigan's alfalfa hay yield is forecast at 3.30 tons per acre, up 0.20 tons from last year.
- Michigan's other hay yield is forecast at 2.20 tons per acre, up 0.30 tons from last year.

### Acres by Crop, Michigan and United States: 2012-2014

Commodity	Michigan			United States		
	2012	2013	2014	2012	2013	2014
Beans, dry						
Planted..... 1,000 acres	200.0	175.0	210.0	1,742.5	1,354.7	1,689.4
Harvested..... 1,000 acres	197.0	172.0	207.0	1,690.4	1,311.3	1,625.3
Yield.....Pounds	1,790	1,900	2,100	1,889	1,867	1,787
Production.....1,000 cwt	3,526	3,270	4,347	31,925	24,486	29,036
Corn, all						
Planted..... 1,000 acres	2,650	2,600	2,500	97,155	95,365	90,885
Corn, grain						
Harvested..... 1,000 acres	2,390	2,250	2,190	87,375	87,668	83,097
Yield..... Bushels	133.0	155.0	167.0	123.4	158.8	174.2
Production..... 1,000 bu	317,870	348,750	365,730	10,780,296	13,925,147	14,474,920
Hay, alfalfa						
Harvested..... 1,000 acres	660	610	640	17,292	17,763	18,190
Yield.....Tons	2.10	3.10	3.30	3.01	3.24	3.55
Production..... 1,000 tons	1,386	1,891	2,112	52,049	57,581	64,524
Hay, other						
Harvested..... 1,000 acres	310	330	330	38,968	40,494	39,456
Yield.....Tons	1.50	1.90	2.20	1.74	1.94	2.13
Production..... 1,000 tons	465	627	726	67,829	78,365	84,147
Soybeans						
Planted..... 1,000 acres	2,000	1,930	2,200	77,198	76,840	84,184
Harvested..... 1,000 acres	1,990	1,920	2,190	76,164	76,253	83,403
Yield..... Bushels	43.0	44.5	46.0	39.8	44.0	47.1
Production..... 1,000 bu	85,570	85,440	100,740	3,033,581	3,357,984	3,926,812
Sugarbeets						
Planted..... 1,000 acres	154	154	151	1,230	1,198	1,162
Harvested..... 1,000 acres	153	153	150	1,204	1,154	1,146
Yield.....Tons	29.0	26.2	29.5	29.3	28.4	28.0
Production..... 1,000 tons	4,437	4,009	4,425	35,224	32,813	32,069

## Poultry

All layers in Michigan totaled 12.8 million during August, down 1 percent from a year ago. Egg production totaled 327 million eggs, up 1 percent from last year. The rate of lay during August was 2,548 eggs per 100 layers. On September 1 in the East North Central Region, which includes Michigan, Illinois,

Indiana, Ohio, and Wisconsin, there were 8.5 million egg-type eggs in incubators, down 2 percent from a year earlier. In the same region, there were 14.1 million broiler-type eggs in incubators, up 5 percent from the previous year. There were 23.6 million turkey poult hatchlings in the U.S. in August.

### Egg and Hatchery Production, August 2014

Item	Unit	2013	2014	Percent Change
<b>Michigan</b>				
All layers	Thou	12,962	12,833	-1
Eggs per hundred layers	Num	2,492	2,548	2
Eggs produced	Mil	323	327	1
<b>East North Central Region</b>				
Eggs in incubators, Sep 1				
Egg-type	Thou	8,713	8,525	-2
Broiler type	Thou	13,467	14,084	5
<b>U.S.</b>				
All Layers	Thou	350,885	357,427	2
Eggs per hundred layers	Num	2,331	2,347	1
Eggs produced	Mil	8,178	8,388	3
Turkey Eggs in incubators, Sep 1	Thou	25,538	27,065	6
Turkey Poults hatched, Aug	Thou	23,014	23,598	3

## September Agricultural Prices

Prices received by Michigan farmers for the full month of August 2014 and mid-month prices as of September 15, 2014 are listed in the table below. Some Michigan highlights were: September corn, at \$3.40 per bushel, decreased \$0.15 from August and decreased \$1.97 from last year; September soybeans,

at \$11.20 per bushel, decreased \$1.20 from last month and decreased \$1.80 from last year; September wheat, at \$5.35 per bushel, decreased \$0.38 from August and decreased \$1.16 from last year; September milk, at \$25.10 per cwt., increased \$0.70 from last month, and increased \$4.50 from last year.

### Prices Received by Farmers, September 2014

Commodity	Michigan			United States		
	Sep 2013 <sup>1</sup>	Aug 2014 <sup>1</sup>	Preliminary Sep 2014 <sup>2</sup>	Sep 2013 <sup>1</sup>	Aug 2014 <sup>1</sup>	Preliminary Sep 2014 <sup>2</sup>
Beans, dry edible..... dollars/cwt	(D)	(D)	(D)	39.10	36.20	30.90
Corn ..... dollars/bu	5.37	3.55	3.40	5.40	3.63	3.38
Hay, alfalfa ..... dollars/ton	180.00	160.00	170.00	194.00	209.00	197.00
Hay, other ..... dollars/ton	140.00	115.00	130.00	133.00	134.00	129.00
Oats ..... dollars/bu	3.28	3.60	(D)	3.57	3.25	3.08
Potatoes ..... dollars/cwt	10.90	(D)	(D)	8.48	8.22	8.07
Soybeans ..... dollars/bu	13.00	12.40	11.20	13.30	12.40	11.20
Wheat, winter ..... dollars/bu	6.51	5.73	5.35	6.80	5.90	5.56
Milk, all ..... dollars/cwt	20.60	24.40	25.10	20.10	24.10	25.00

<sup>1</sup> Entire month weighted average price.

<sup>2</sup> Mid-month price.

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

## August Milk Production

Dairy herds in Michigan produced 833 million pounds of milk during August, up 6.7 percent from August 2013. The daily rate per cow was 68.2 pounds, up 2.1 pounds from August 2013. The dairy herd was estimated at 394,000 head for August, up 13,000 head from a year earlier. The average price of milk sold in August by Michigan dairy producers was \$24.40 per cwt., \$4.00 above the price in August 2013.

### Michigan Dairy Summary, August 2014

Item		2012	2013	2014
Cows	1,000 Hd	376	381	394
Milk per cow	Lb/day	65.0	66.1	68.2
Production	Mil lbs	758	781	833
Milk price, all	Dol/cwt	18.20	20.40	24.40
Fat test	Pct	3.51	3.60	3.56
Protein <sup>1</sup>	Pct	3.00	3.02	3.04

<sup>1</sup> FMO 33

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## Thank You to our Data Providers

The USDA, NASS, Great Lakes Region and enumerator staff are pleased to provide you and the Michigan agricultural industry with current, reliable information as summarized in the following articles. This service is possible because you and other respondents provided us with timely survey responses. Thank you!